

Project Audit



Project:
Crypto Vehicle

April 26, 2022



Crypto Vehicle



Crypto Vehicle



Overview

This audit has been prepared for **Crypto Vehicle** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a a summarized review of the following main key points:

- Contract's source code
- Project and team
- Website
- Social media & online presence

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
– SpyWolf Team

Smart Contract Summary

Contract Name	CV
Ticker	CV
Contract	0x85162012af689d0D982F418215A1Ef5b2A512Cf2
Network	Binance smart chain
Language	Solidity
Tax	Buy: 13% Sell: 18%
Total Supply	12,000,000
Status	Launched
Mint Function	Owner can mint tokens

Current stats

Burn	2.23% of total supply
LP Address	0x80e88D03CD717046757464342726021668E72cd9 91.53% Locked in PinkSale - unlocks at 2022.10.29
Liquidity	44.2 WBNB
MaxTxAmount	300,000

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

Featured Wallets

Owner address	0x6Fe431eF73bEbaB0959339E1Cbf81C89e662a2f7
*Dev wallet	Same as owner
*Marketing wallet	Same as owner
LP token address	0x80e88D03CD717046757464342726021668E72cd9 91.53% Locked in PinkSale - unlocks at 2022.10.29

Top 3 Unlocked Wallets

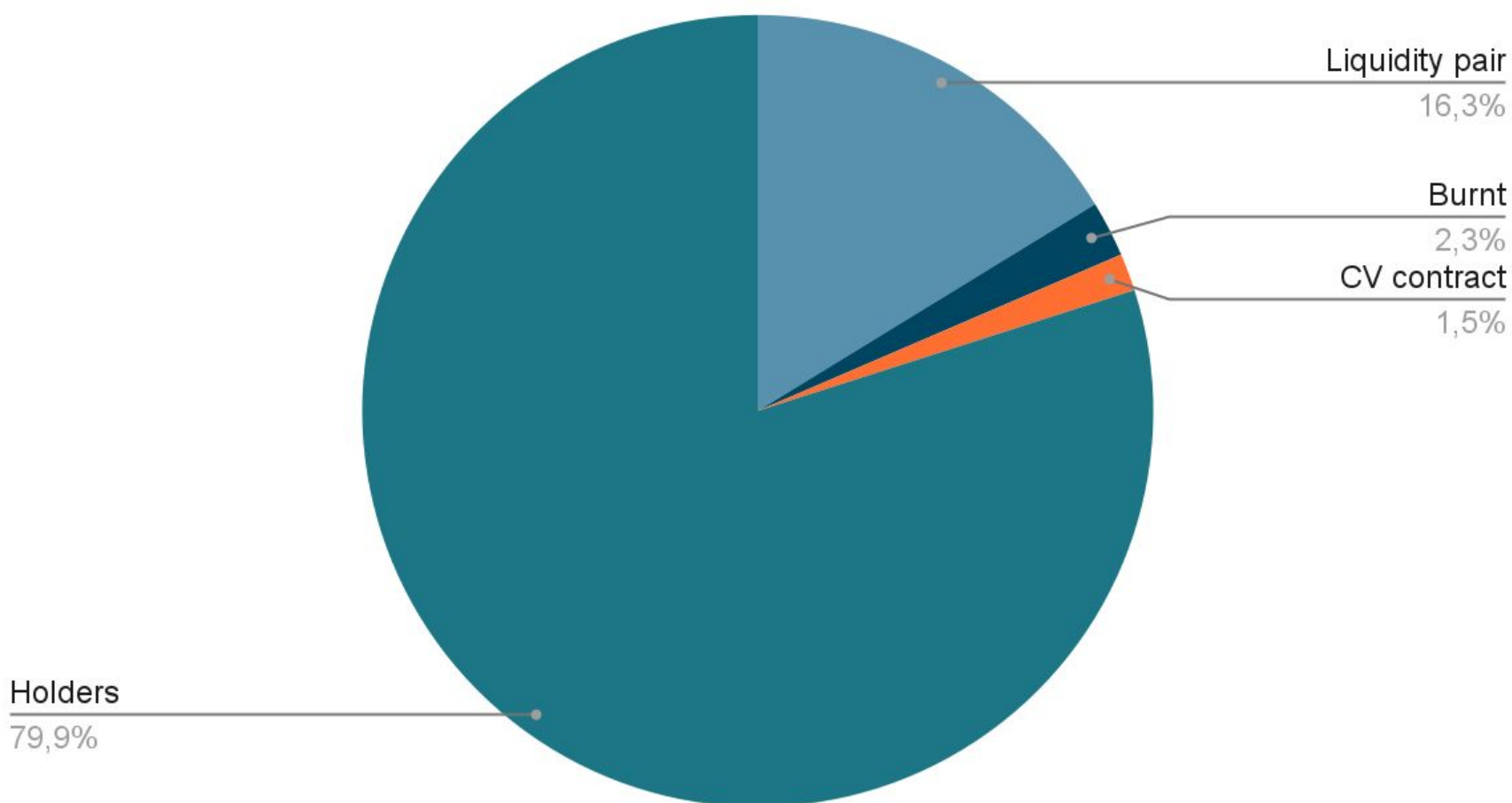
Wallet 1 (3.54%)	0x48a8ee8766ff3aca4bb0ddcd938e46af1e0b2b31
Wallet 2 (2.61%)	0x429f8843318fb86bdb528e90dd433aa0459e6c2f
Wallet 3 (2.5%)	0x044d58f37d9bfb55b0e908413f0886c138e847d3

Tokenomics

Current state

Owner can mint (create) new tokens and sell them in market.
This will lead to token price inflation and liquidity drain.

Tokens distribution



Security Threads

! Owner can mint (create) new tokens and sell them in market. This will lead to token price inflation and liquidity drain.

```
function Burn(uint256 amount) public onlyOwner {
    _bburn(msg.sender, amount);
}
function _bburn(address account, uint256 amount) internal virtual {
    require(account != address(0), "BEP20: mint to the zero address");

    _beforeTokenTransfer(address(0), account, amount);

    _tTotal += amount;
    emit Transfer(address(0), account, amount);
}
```

Owner can change max transaction limit, making it impossible to sell if set to 1. Value of 1 token at current price is lower than the gas fees associated with transaction.

```
function setMaxTxAmount(uint256 maxTxAmount) external onlyOwner() {
    require(maxTxAmount > 0, "Cannot set transaction amount as zero");
    _maxTxAmount = maxTxAmount * 10**_decimals;
}
```


Security Threads

! Owner can change buy/sell fees up to 100%.

```
function setTaxFeePercent(uint256 taxFee,uint256 liquidityFee,
uint256 MarketingFee,uint256 burnFee, uint devFee) external onlyOwner() {
    _taxFee = taxFee;
    _pretaxfee = _taxFee;
    _liquidityFee = liquidityFee;
    _preliquidityfee = _liquidityFee;
    _marketingFee = MarketingFee;
    _premarketingfee = _marketingFee;
    _devFee = devFee;
    _predevfee = devFee;
    _burnFee = burnFee;
    _preburnfee = _burnFee;
}
function setsellTaxFeePercent(uint256 taxesellFee,uint256 liquiditysellFee,
uint256 MarketingsellFee,uint256 burnsellFee, uint256 devsellFee) external onlyOwner() {
    _taxsellFee = taxesellFee;
    _liquiditysellFee = liquiditysellFee;
    _marketingsellFee = MarketingsellFee;
    _devsellFee = devsellFee;
    _burnsellFee = burnsellFee;
}
```

Crypto Vehicle Project & Team Review

According to their website:

Crypto Vehicle will be a platform where the community can collaborate and come up with unique ideas for the vehicles design and token holders will be able to vote and govern the future of the project. Native token will be \$CV. There will be also P2E game developed and \$CV coin will enable holders to enter the Metaverse world by VR headset were the future world will be fully experienced.

Future plans for project's developing and \$CV utilities are as follows:

- P2E car racing game
- Purchase cars and in game add-ons
- Open secret boxes
- Rent NFT cars to be used in the racing games
- Enter the Metaverse Future City and purchase maps
- Eth bridge
- Super car NFTs release

Crypto Vehicle Project & Team Review

Team:



Website Analysis

URL: <https://thecryptovehicle.com/>

- **Design:** Single page, template design.
- **Content:** Informative, no grammar mistakes.
- **Whitepaper:** ⚠ No whitepaper present in their website.
- **Roadmap:** Goals set at 4 phases with time frames.
- **Mobile-friendly?:** Yes
- **Technical:** ⚠ Website don't redirect http requests to https. No SSL certificate present. General SEO check passed.



Social Media & Online Presence



Telegram

<https://t.me/thecryptovehicle>

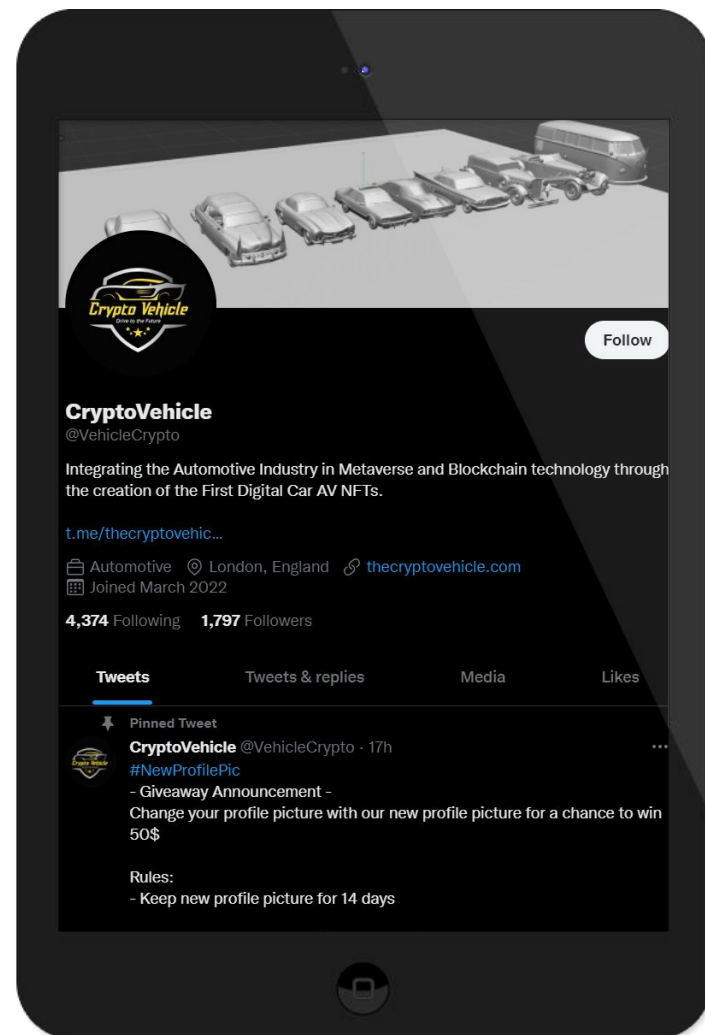
- 712 members
- Active members
- Active mods



Twitter

<https://twitter.com/VehicleCrypto>

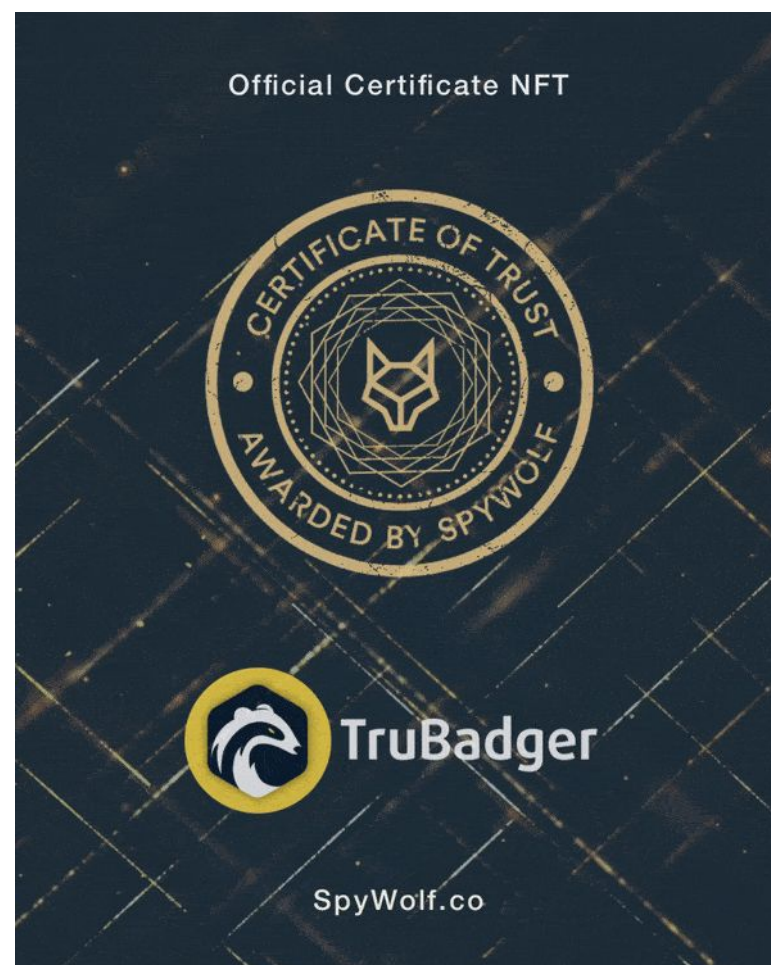
- 1 797 Followers
- Active



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: SpyWolf.co
- Portal: SpyWolf.network
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.